Serial No.: 10 / 809,798

10 / 809,798 26 March, 2004

Filed: Page:

2 of 11

Amendments to the Claims

The following listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently amended)—An A system being configured to treat cystocele, comprising an implant having a thin and supple structure and a device for the introduction of an implant, wherein the implant being configured to treat cystocele and comprising comprises a support body—(2) made of bio-compatible material material, from which extend at least:

two anterior suspension straps-(3) on both sides of a sagittal plane-(S),

two posterior suspension straps (4) on both sides of a sagittal plane (S),

and two middle suspension straps-(5) on both sides of a sagittal plane-(S) and between the anterior and the posterior straps-(3) and (4); and wherein the device for the introduction of an implant comprises an introduction member-(20) that has:

a supple structure and whose shape is similar to that of the implant (1);

a hollow body (21) defining a cavity for the reception of the body (2) of the implant (1);

tubular branches (22) extending from the hollow body (21) each defining a cavity for the

reception of a suspension strap (3,4,5) of the implant (1);

means for traction-(23) extending from the end of each of the branches-(22) of the

introduction member; and

means for-allowing cutting of cutting apertures in at least the hollow body-(21) of the

introduction member-(20).

Serial No.: 10 Filed: 26

10 / 809,798 26 March, 2004

Page:

3 of 11

2. (Currently amended) An implant according to claim 1, characterised in that wherein the a longitudinal axes (Λ₃) axis of the two anterior straps-(3) form an angle (α) exceeding 45°.

- 3. (Currently amended) An implant according to claim 2, characterised in that wherein the longitudinal axes (A₃) of the two anterior straps (3) form an angle (α) between 100° and 180°.
- 4. (Currently amended) An implant according to claim 2, characterised in that wherein angle-(α) is between 115° and 170°.
- 5. (Currently amended) An implant according to claim 1, characterised in that wherein the a longitudinal axes (A_4) axis of the two posterior straps (A_4) form an angle (B) that is not zero.
- 6. (Currently amended) An implant according to claim 5, characterised in that wherein the angle (β) exceeds 10°.
- 7. (Currently amended) An implant according to claim 6, characterised in that wherein the angle (β) is between 10° and 75°.
- 8. (Currently amended) An implant according to claim 6,-characterised in that wherein the angle (β) is between 100° and 180°.

Serial No.:

10 / 809,798 26 March, 2004

Filed: Page:

4 of 11

9. (Currently amended) An implant according to claim 1, characterised in that wherein the a longitudinal axis (A_5) of each middle suspension strap (5) and an anterior part of the sagittal plane, forms, with the anterior part of the sagittal plane (S), and an angle (γ) of between 100° and 140°, preferably between 110° and 130°.

- 10. (Currently amended) An implant according to claim 1, characterised in that wherein the a length of the each anterior straps (3) strap exceeds 100 mm.
- 11. (Currently amended) An implant according to claim 1, characterised in that wherein the a length of the each posterior straps (4) strap exceeds 100 mm.
- 12. (Currently amended) An implant according to claim 1, characterised in that wherein the a length of the each middle straps (5) strap exceeds 100 mm.
- 13. (Currently amended) An implant according to claim 1, characterised in that wherein the whole shape of the support body (2) is substantially rectangular.
- 14. (Currently amended) An implant according to claim 13,-eharacterised in that wherein the a length-(L₂) of the support body (2) is between 60 mm and 90 mm and the a width of the support body is between 40 mm and 60 mm.

Serial No.: 10 / 809,798 Filed: 26 March, 2004

Page: 5 of 11

15. (Currently amended) An implant according to claim 13, characterised in that wherein the each anterior straps (3) strap substantially extends from the an anterior corners corner of the support body (2).

- 16. (Currently amended) An implant according to claim 1, characterised in that wherein the each posterior straps (4) strap substantially extends from the a posterior corner of the support body (2).
- 17. (Canceled).
- 18. (Currently amended) An introduction device according to claim-17_1, characterised in that wherein the means of traction-(23) include a semi-rigid needle for each tubular branch-(21).
- 19. (Currently amended) An introduction device according to claim 17_1, characterised in that wherein the means for allowing cutting comprise at least one aperture (24) for the passage of a cutting instrument.
- 20. (Currently amended) An introduction device according to claim 17, characterised in that it comprises further comprising an implant-(1) according to claim 1 placed in the cavity of the hollow body-(21) and the tubular branches-(22).

Serial No.:

10 / 809,798

Filed:

26 March, 2004

Page:

6 of 11

21. (Currently amended) An introduction device according to claim 20,-characterised in that wherein the implant (1) is free inside the introduction device (10).

- 22. (Currently amended) An introduction device according to claim 17 1, characterised in that it also comprises further comprising an elongated perforator guide (10) or trocar, one end (12) of which is made to be introduced in the patient's body and the other end is equipped with a handle (14).
- 23. (Currently amended) An introduction device according to claim 22,-characterised in that wherein the shape of the perforator guide (10) is curved in one plane.
- 24. (Currently amended) An introduction device according to claim 23, characterised in that wherein the curved part-(15) of the perforator-(10) extends over an angular sector exceeding 140°.
- 25. (Currently amended) An introduction device according to claim 23, characterised in that wherein the curved part-(15) of the perforator guide (10) has a radius of curvature R of between 30 mm and 60 mm.
- 26. (Currently amended) An introduction device according to claim 22,-characterised in that wherein the perforator guide-(10) has a helicoid shape at the end opposite to the handle or \underline{a} distal end-(17).

Serial No.: 10 / 809,798 Filed: 26 March, 2004

Page: 7 of 11

27. (Currently amended) An introduction device according to claim 26, characterised in that wherein the distal end (17) of the perforator guide (10) has the shape of a portion of helicoid spire extending over an angle of between 180° and 350°.

- 28. (Currently amended) An introduction device according to claim 27, characterised in that wherein the spire (17) of the perforator guide (10) has a radius of curvature between 20 mm and 40 mm, with a pitch between 15 mm and 25 mm.
- 29. (Currently amended) An introduction device according to claim 22, characterised in that it also comprises further comprising a removable tubular casing (50) whose shape is complementary to that of the perforator guide (10), intended to be fit on the perforator guide (10) and remain in the patient's body after the removal of the perforator guide (10) to define a tunnel for the passage of the means of traction (23) of the introduction member (20).

Serial No.: 10 / Filed: 26 M

10 / 809,798 26 March, 2004

Page:

8 of 11

30. (Currently amended) A procedure for the treatment of cystocele in women, characterised in that it consists essentially of comprising:

using an implant (1) and a device for the introduction of an implant according to claim 1; inserting the implant (1) in the body of the patient by placing:

each of the anterior suspension straps—(3) in an obturated foramen,
each of the middle suspension straps—(5) in a corresponding middle translevator
region,

each of the posterior suspension straps-(4) in a corresponding uterosacral region, and the support body-(2) in the an anterior vaginal wall.

31. (Currently amended) A procedure for the treatment of cystocele in women, characterised in that it consists essentially of comprising:

using an implant (1) and a device for the introduction of an implant according to claim 1; inserting the implant (1) in the body of the patient by placing:

each of the anterior suspension straps-(3) in an obturated foramen,
each of the middle suspension straps-(5) in an inferoposterior region of the
corresponding obturated foramen,

each of the posterior suspension straps-(4) in a corresponding uterosacral region, and the support body-(2) in-the an anterior vaginal wall.

Serial No.: 10 / 809,798 Filed: 26 March, 2004

Page: 9 of 11

32. (Currently amended) A procedure for the treatment of cystocele in women according to claim 30, characterised in that it in particular consists of further comprising placing each of the posterior suspension straps through the corresponding uterosacral ligament.

- 33. (Currently amended) A procedure for the treatment of cystocele in women according to claim 30, characterised in that it in particular consists of further comprising placing each of the posterior suspension straps-(4) through the corresponding uterosacral ligament and in the corresponding transgluteal region.
- 34. (Currently amended) A procedure for the treatment of cystocele in women according to claim 33, characterised in that it in particular consists of further comprising placing each of the posterior suspension straps-(4) through the corresponding uterosacral ligament and through the corresponding sacrosciatic ligament.
- 35. (Previously amended) An implant and a device for the introduction of an implant according to claim 1, wherein said bio-compatible material is selected from the group consisting of: a synthetic material; a woven material; a non-woven material; a knit material; polypropylene fibres; polyester fibres; a material coated with products favouring cell growth; a natural material; fascia latta; a biological resorbent material; and a synthetic resorbent material.